

FIG. 1A  
(PRIOR ART)

| Level             | Description  | Example  |
|-------------------|--|--|
| M3 meta-metamodel | Defines language for specifications of metamodels                                      | MetaClass, MetaAttribute, MetaOperation                |
| M2 metamodel      | Instance of meta-metamodel<br>Defines language for describing specifications of models | Class, Attribute, Operation, Component                 |
| M1 model          | Instance of meta-metamodel<br>Defines language for describing information domains      | Point, xCoordinate, yCoordinate, move (int dx, int dy) |
| M0 user objects   | Instance of model  | Point [x=100; y=20]                                    |

FIG. 1B  
(PRIOR ART)

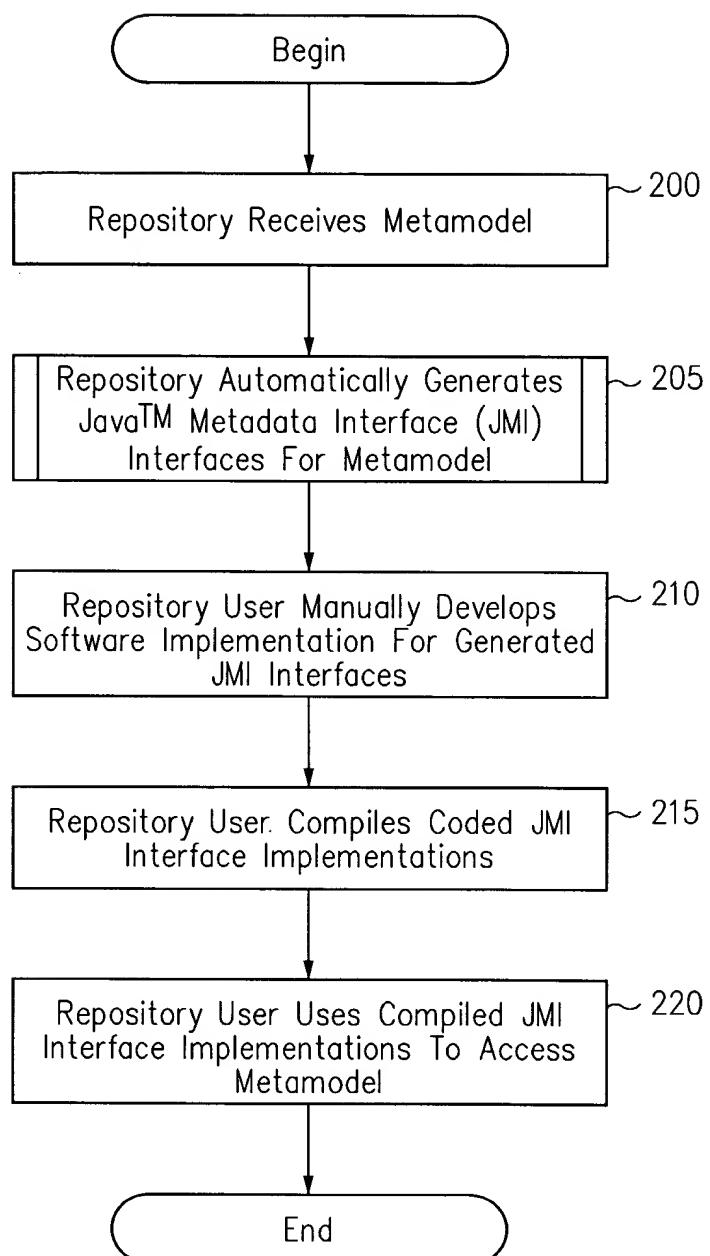


FIG. 2  
(PRIOR ART)

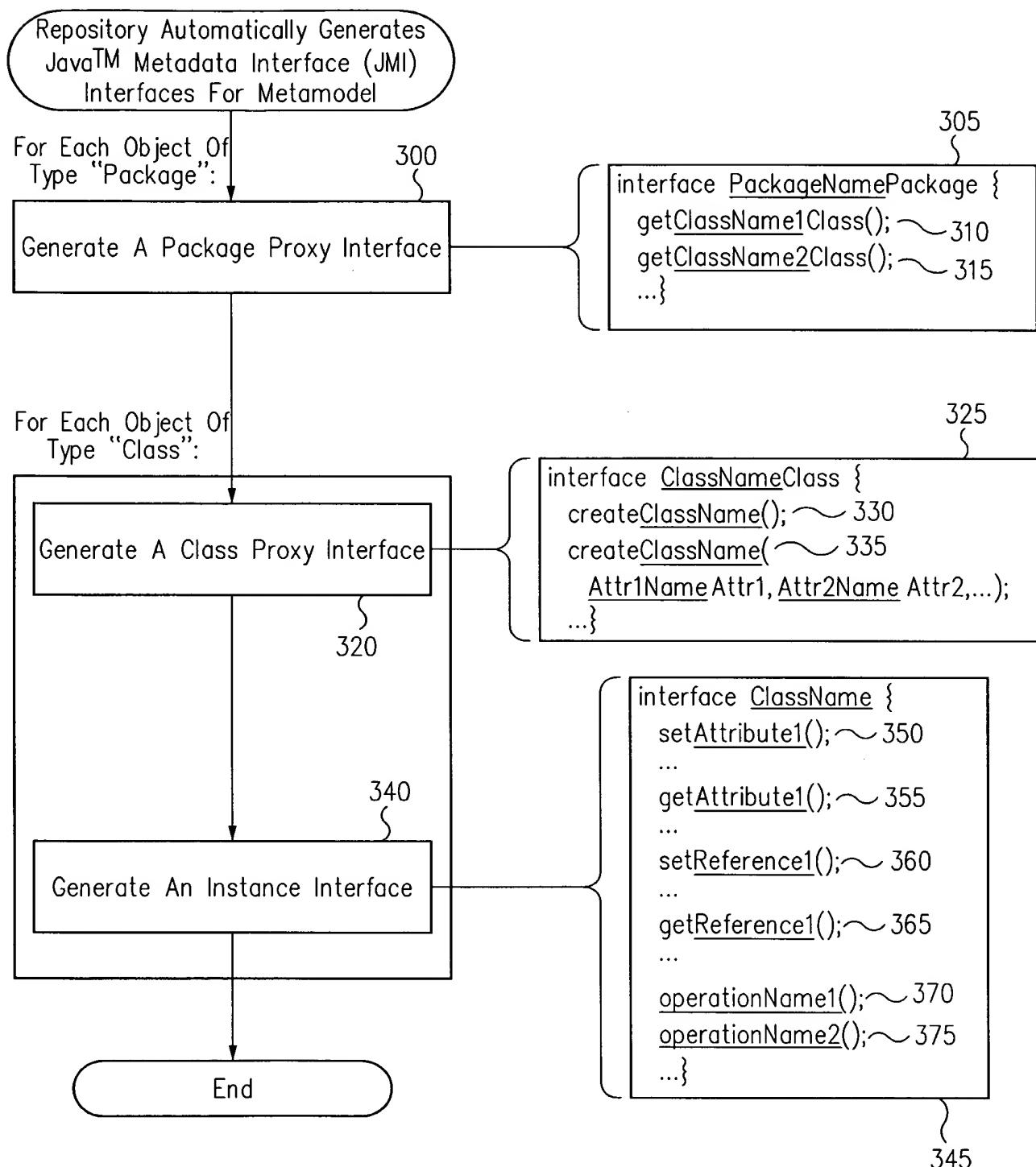


FIG. 3  
(PRIOR ART)

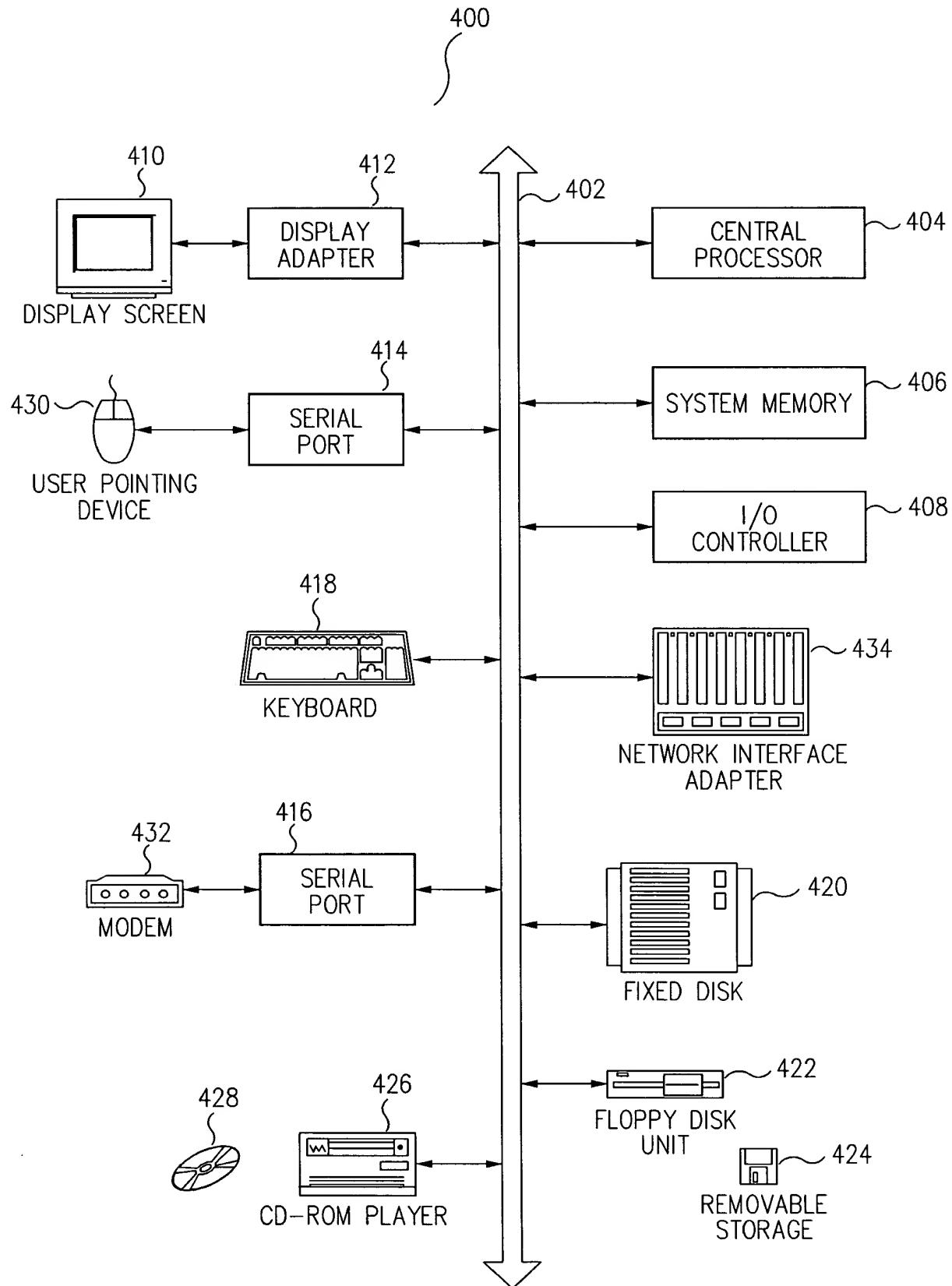


FIG. 4

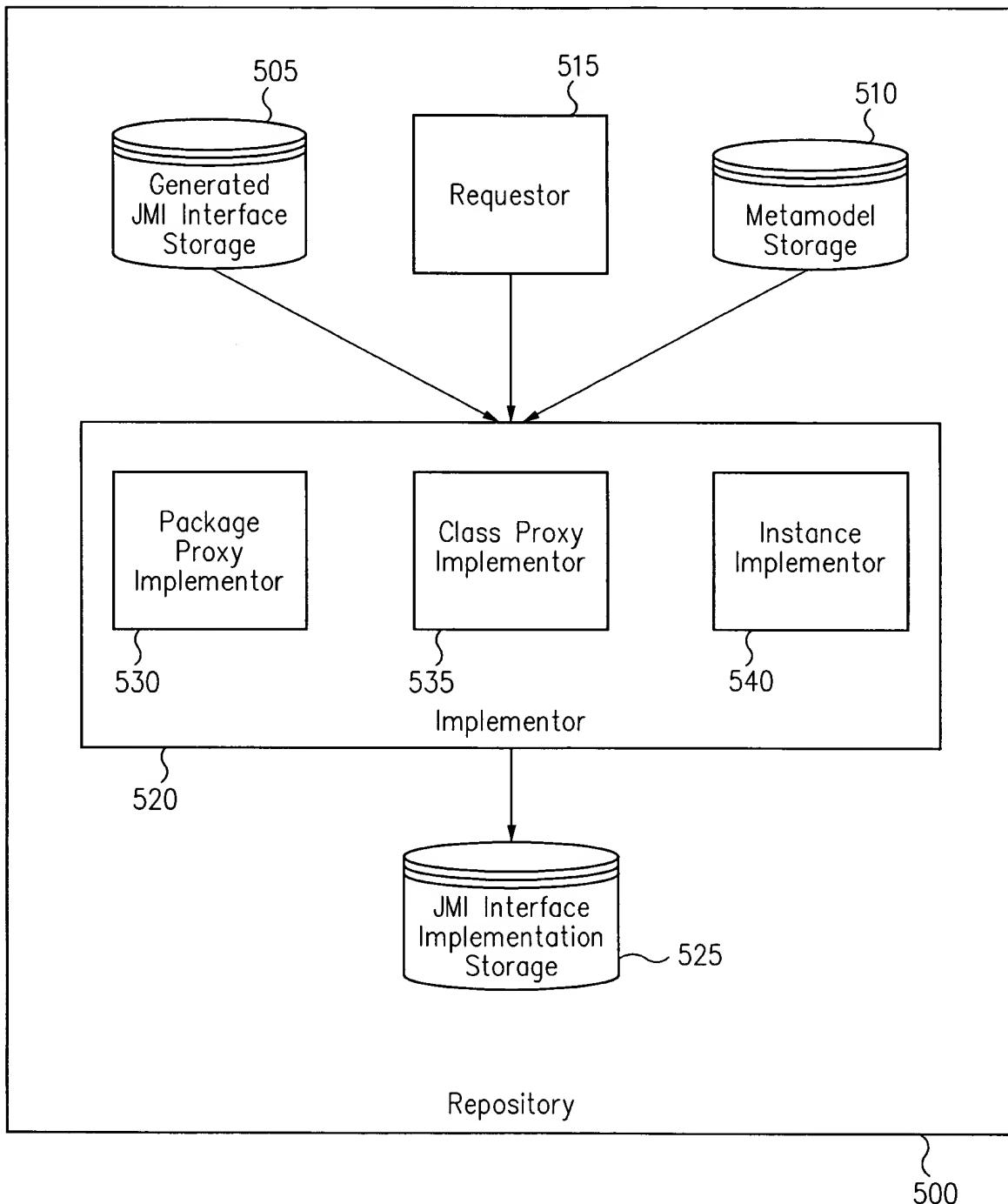


FIG. 5

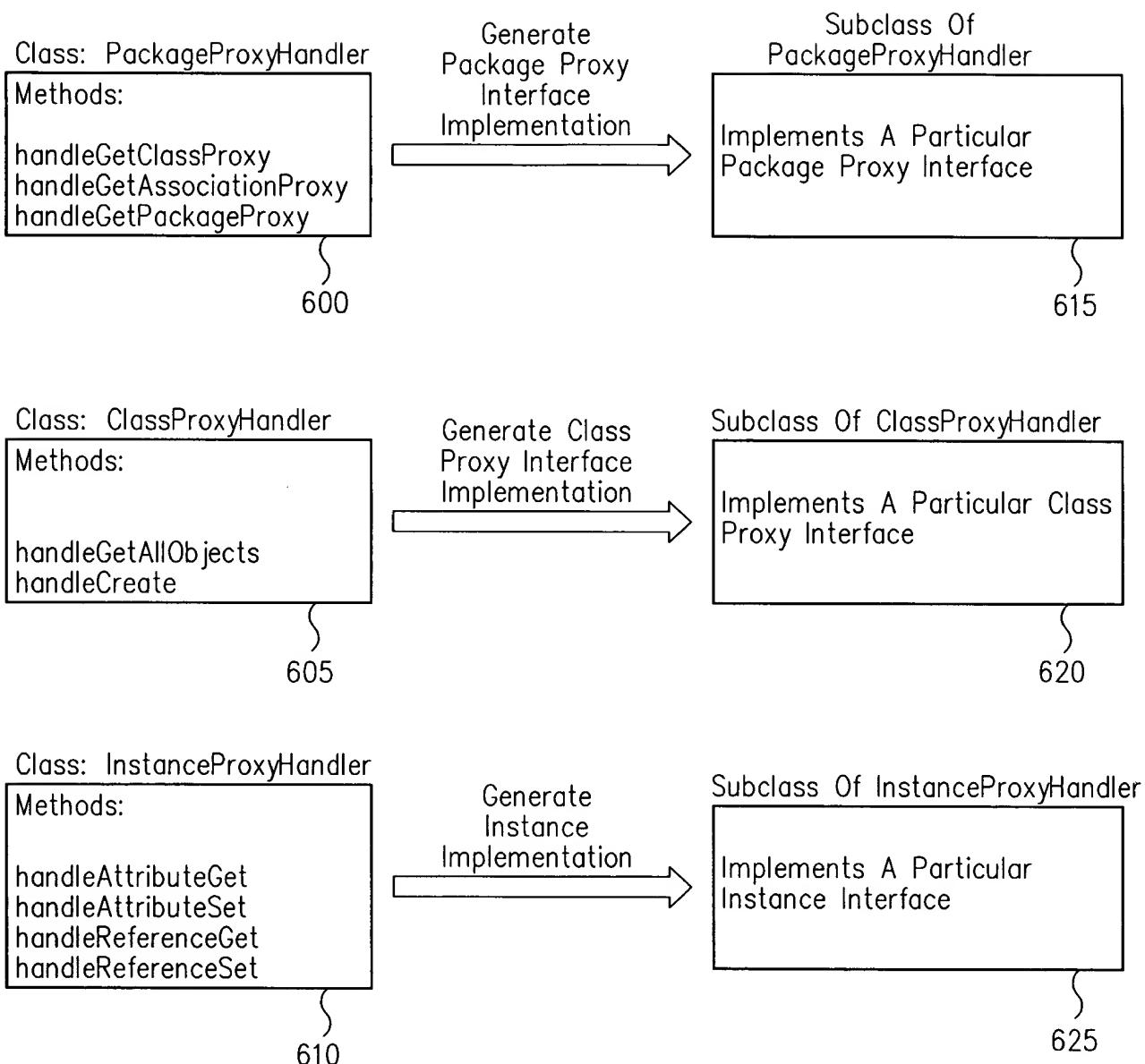


FIG. 6

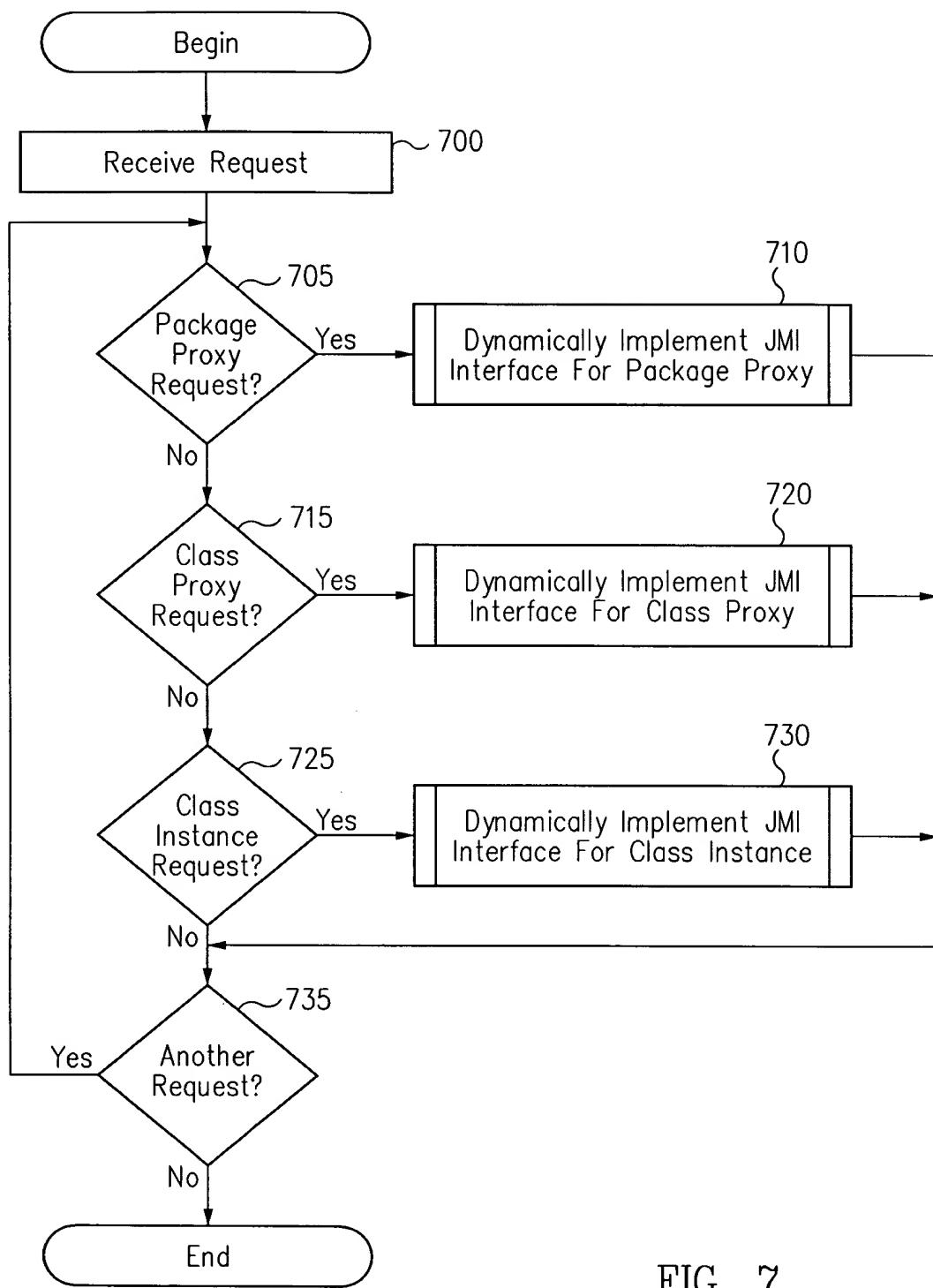


FIG. 7

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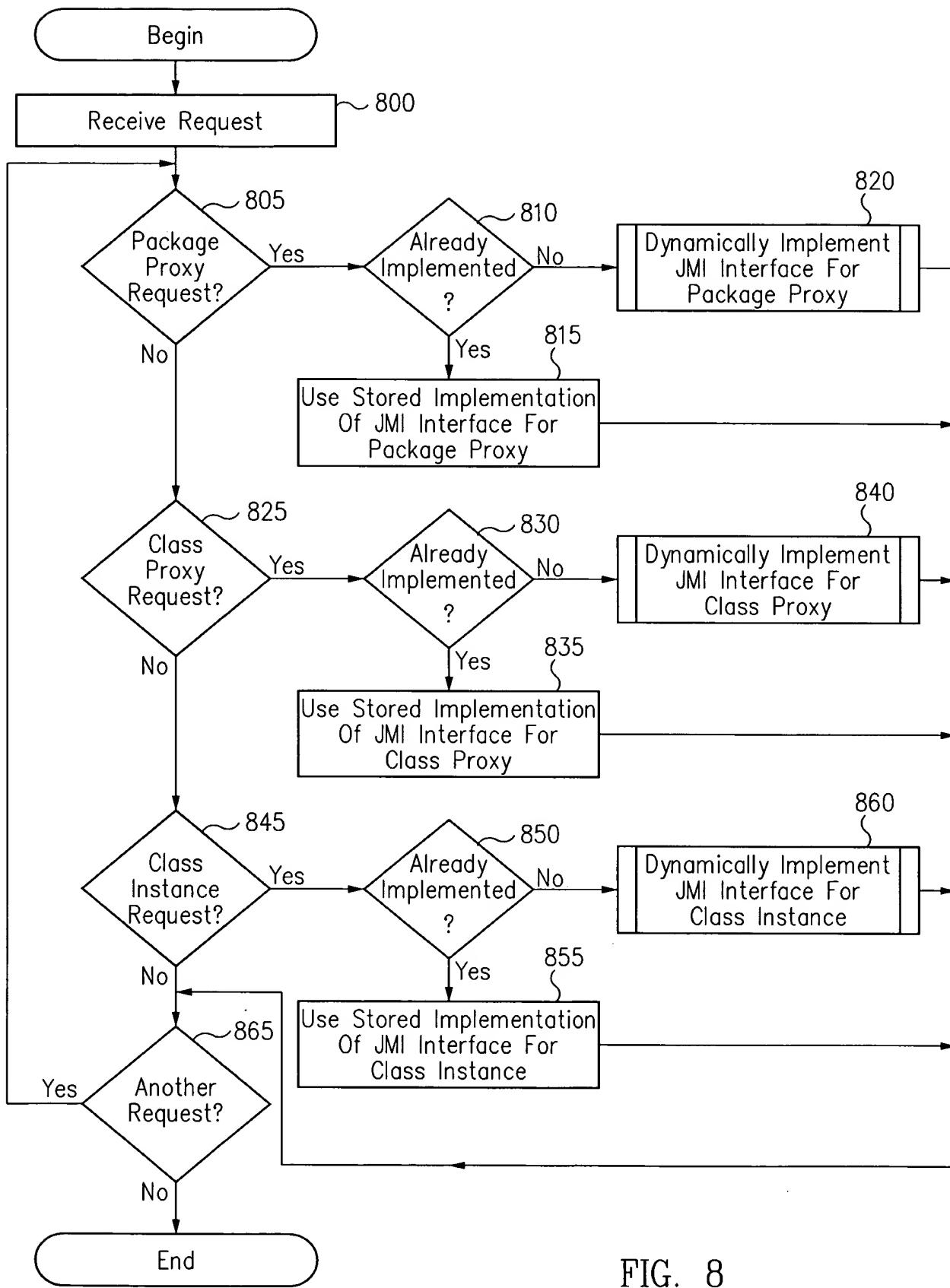


FIG. 8

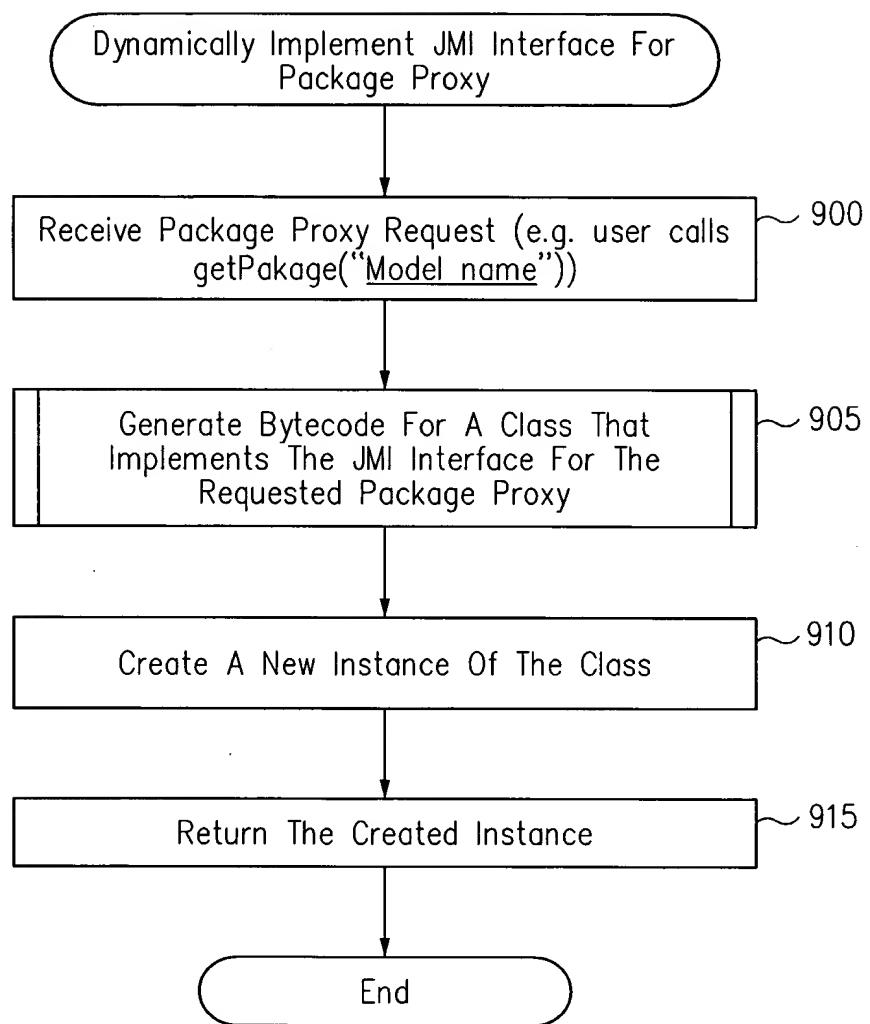


FIG. 9

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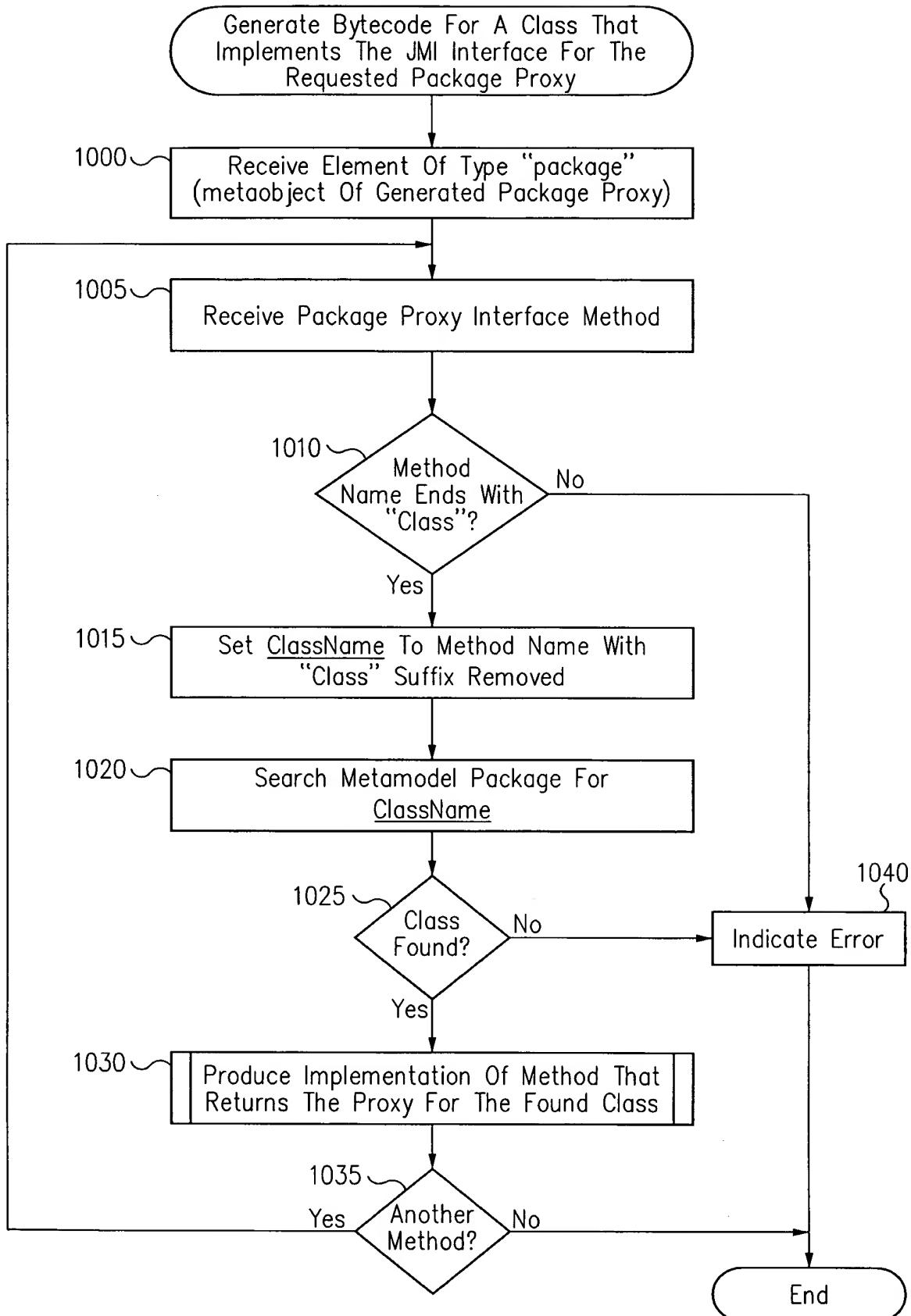


FIG. 10

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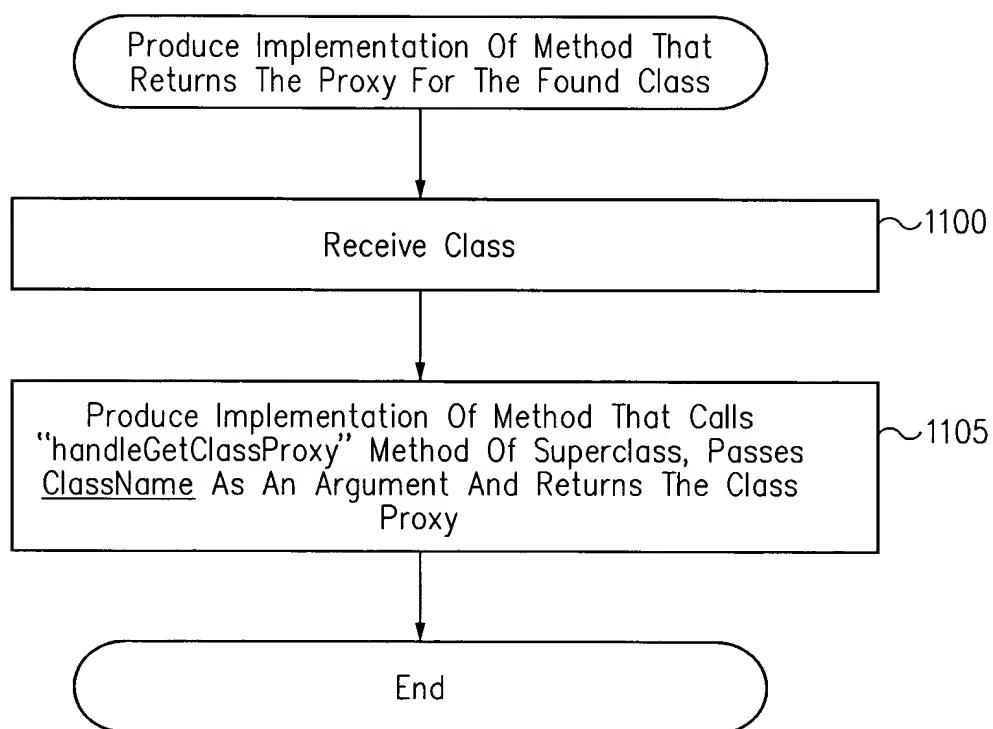


FIG. 11

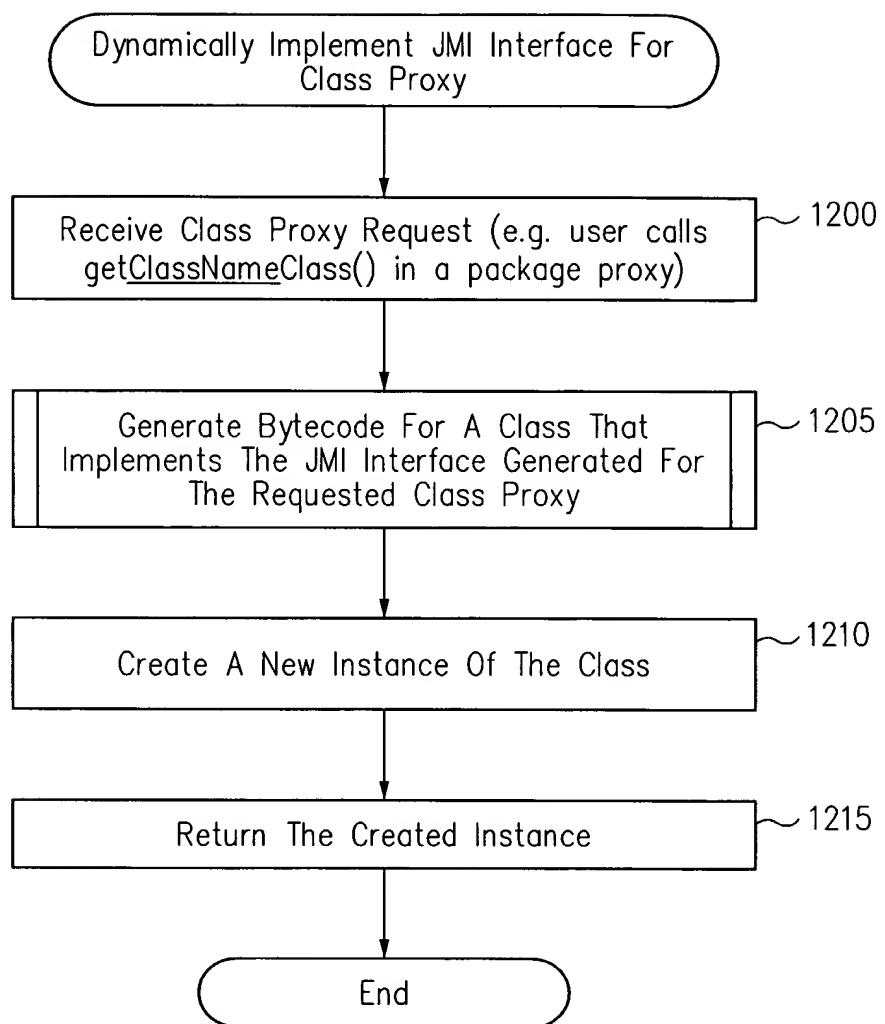


FIG. 12

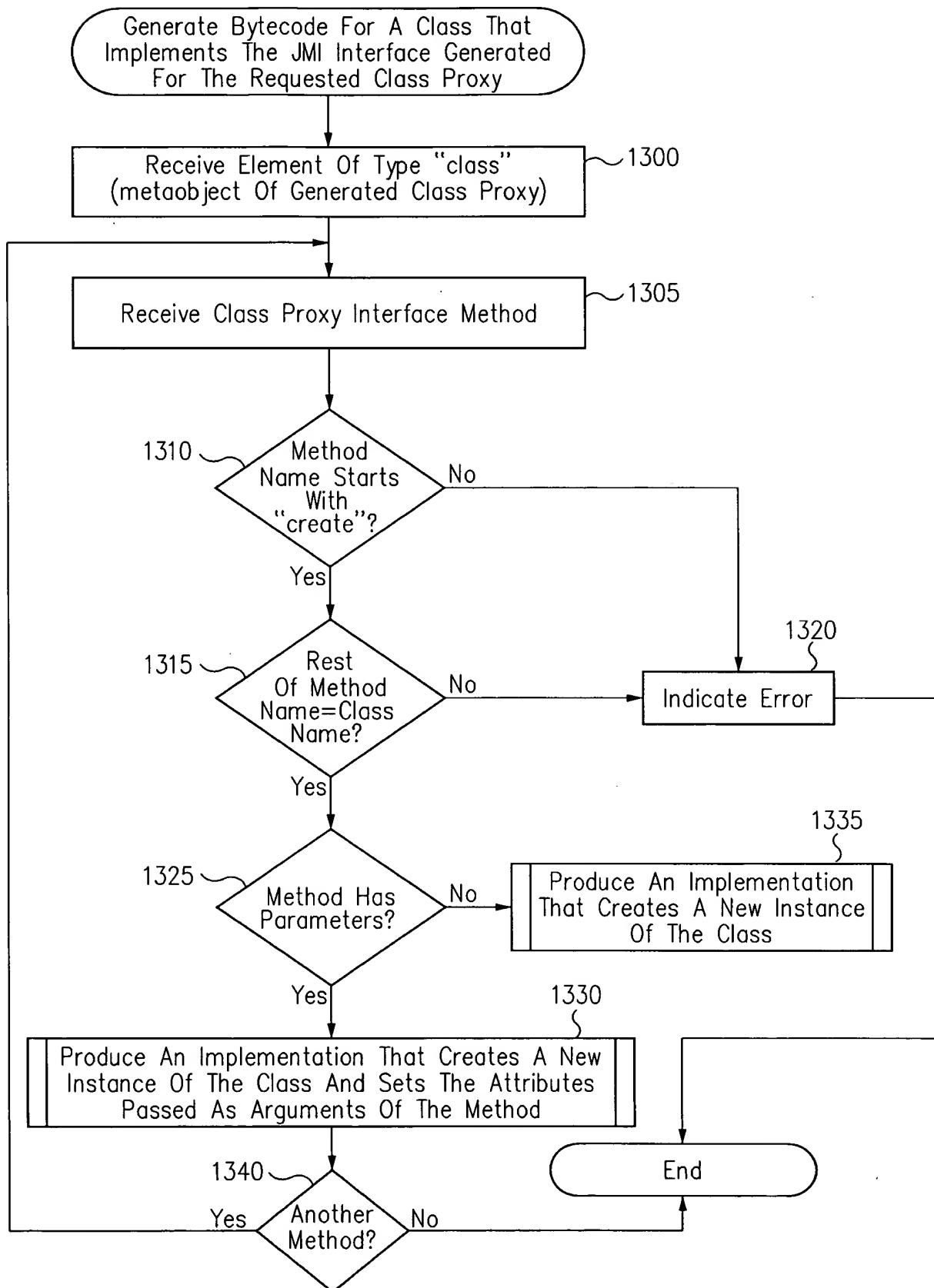


FIG. 13

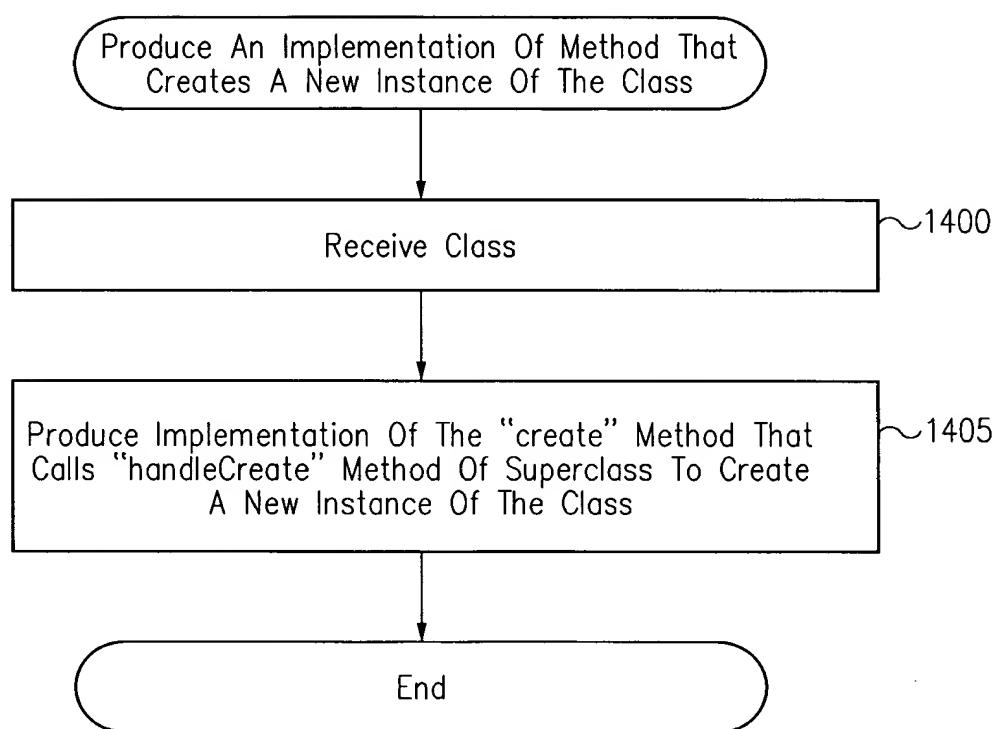


FIG. 14

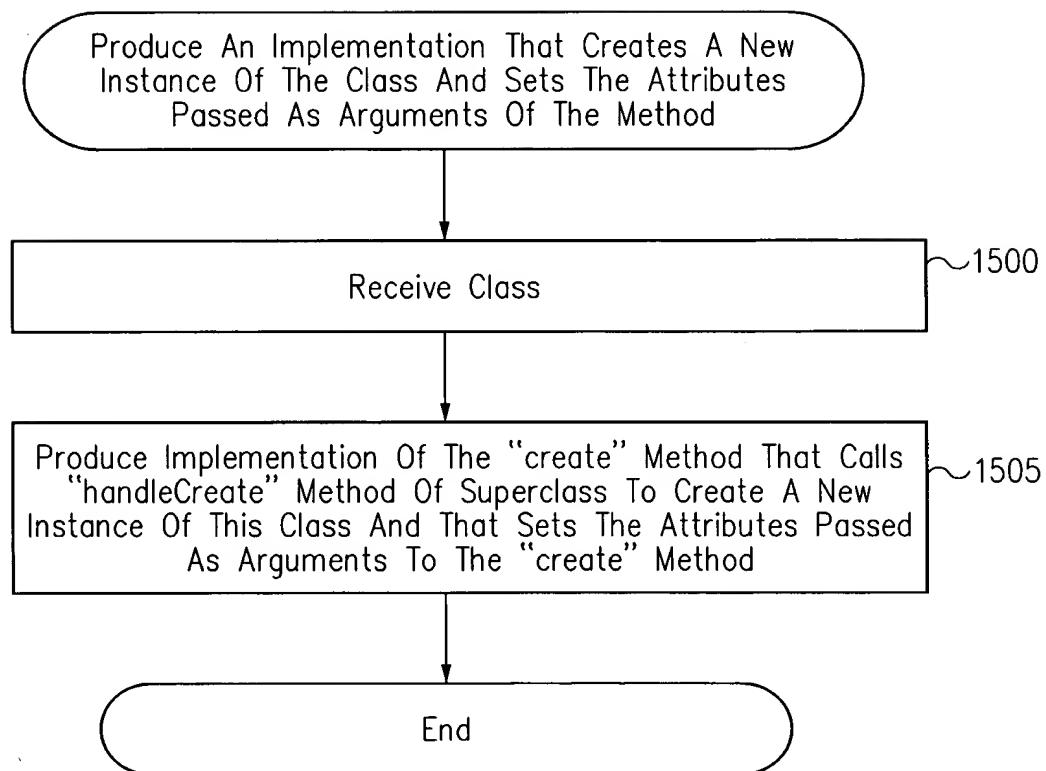


FIG. 15

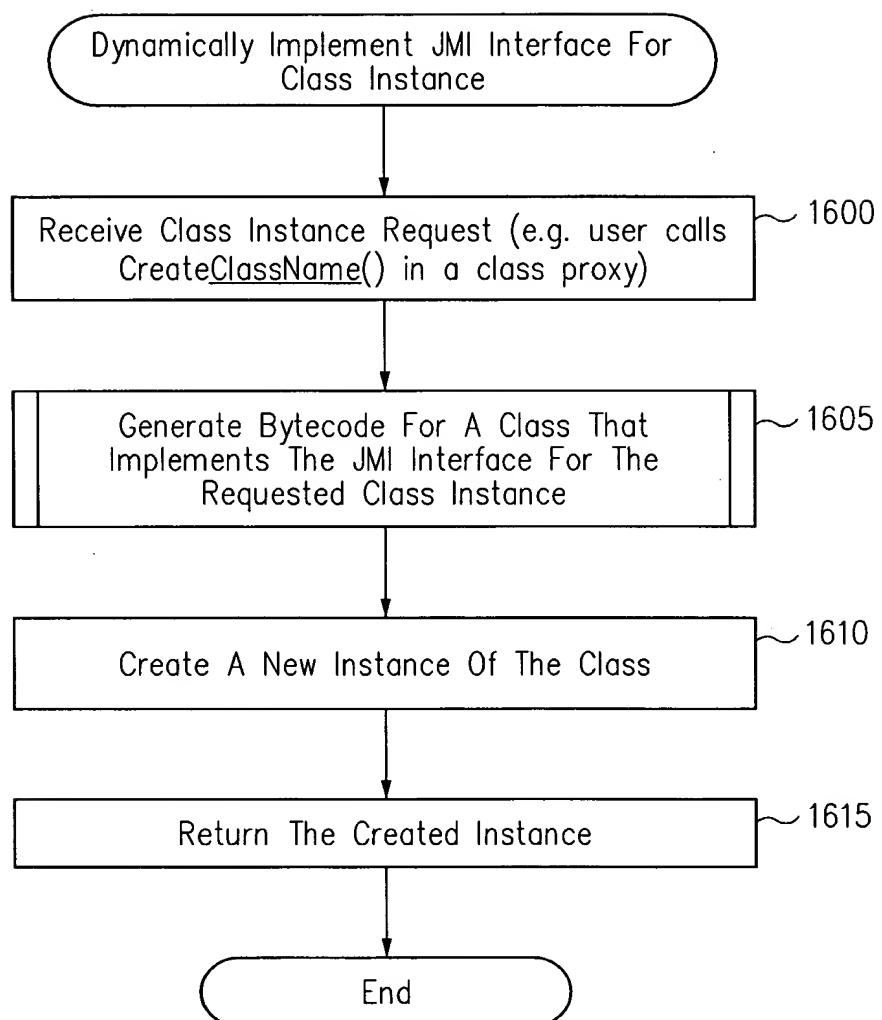


FIG. 16

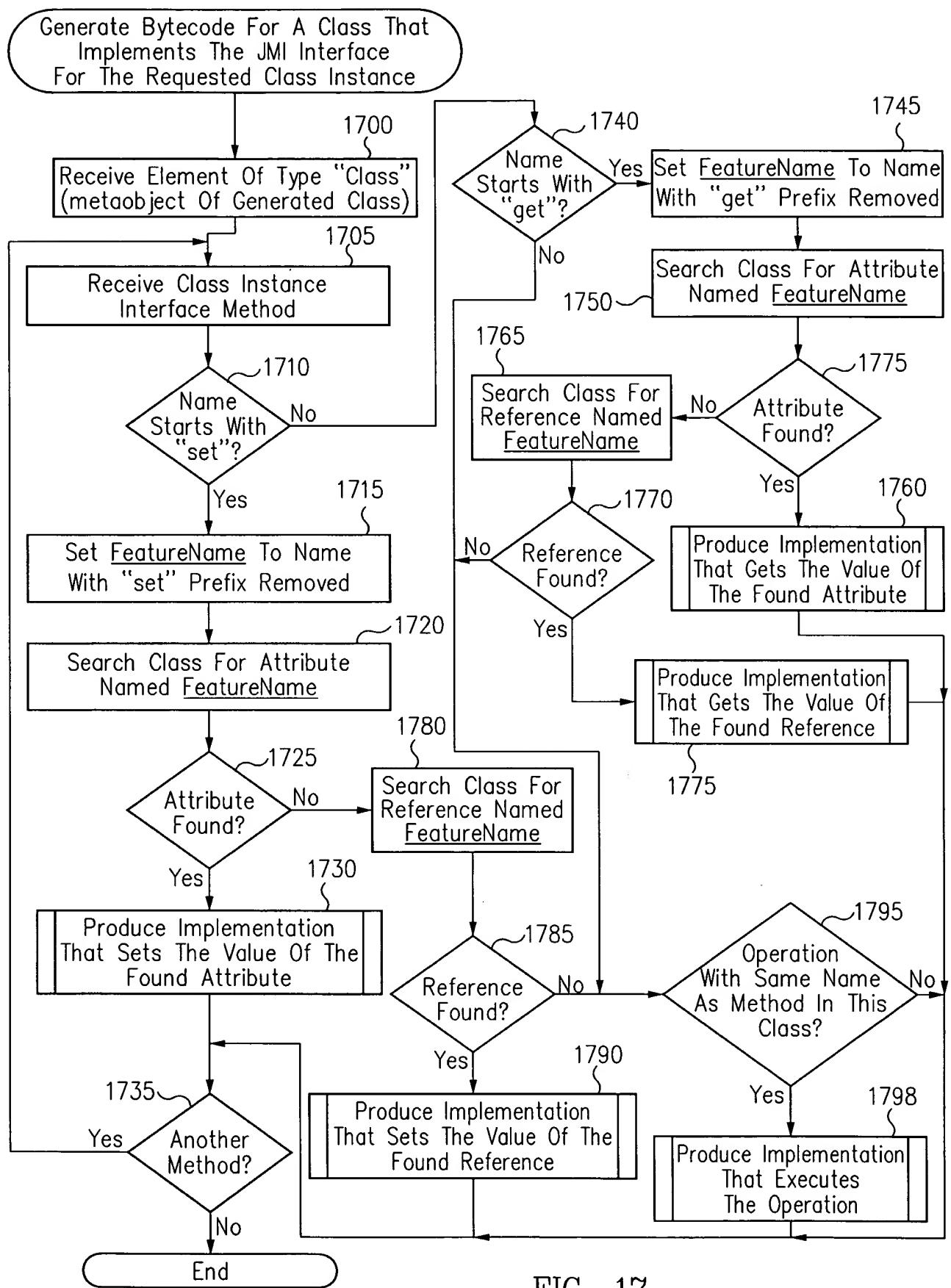


FIG. 17

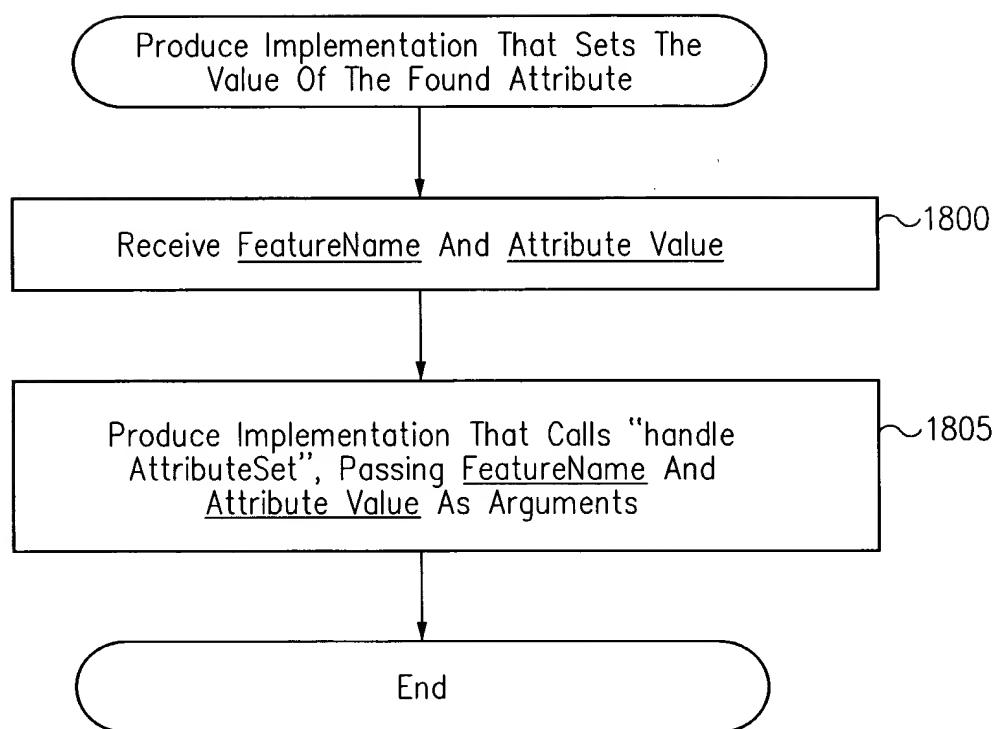


FIG. 18

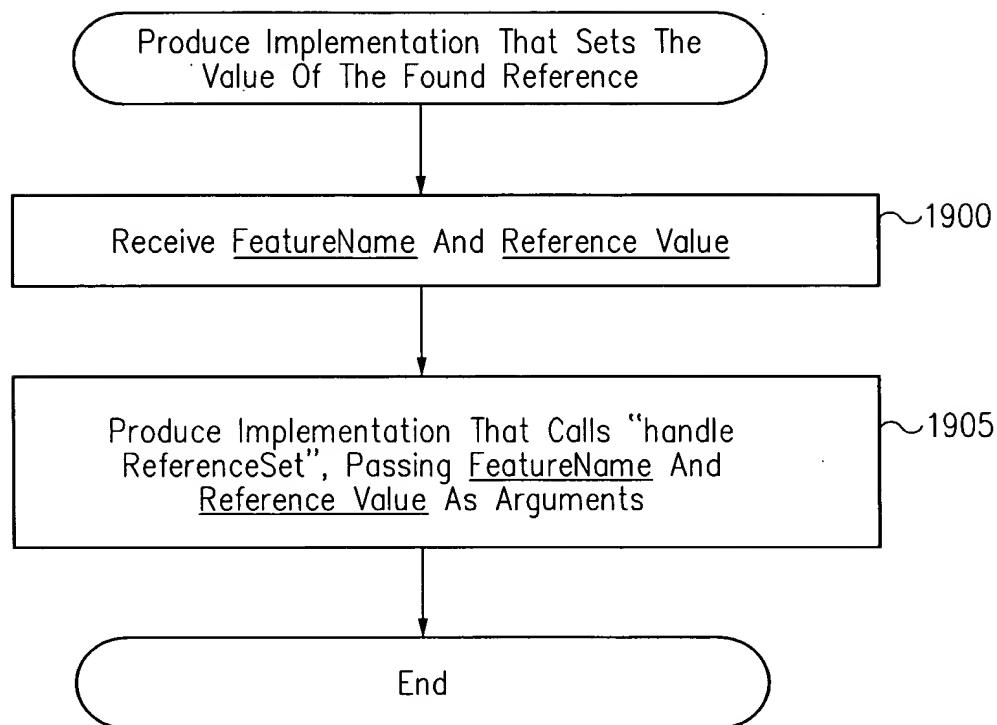


FIG. 19

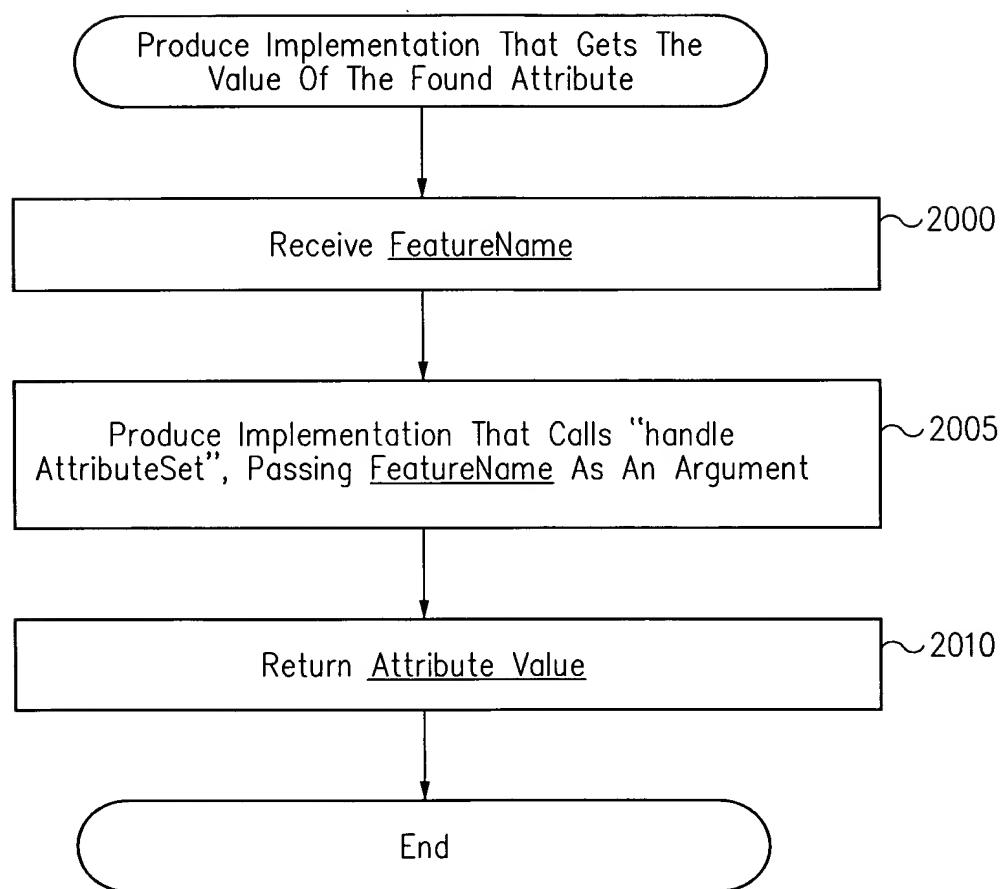


FIG. 20

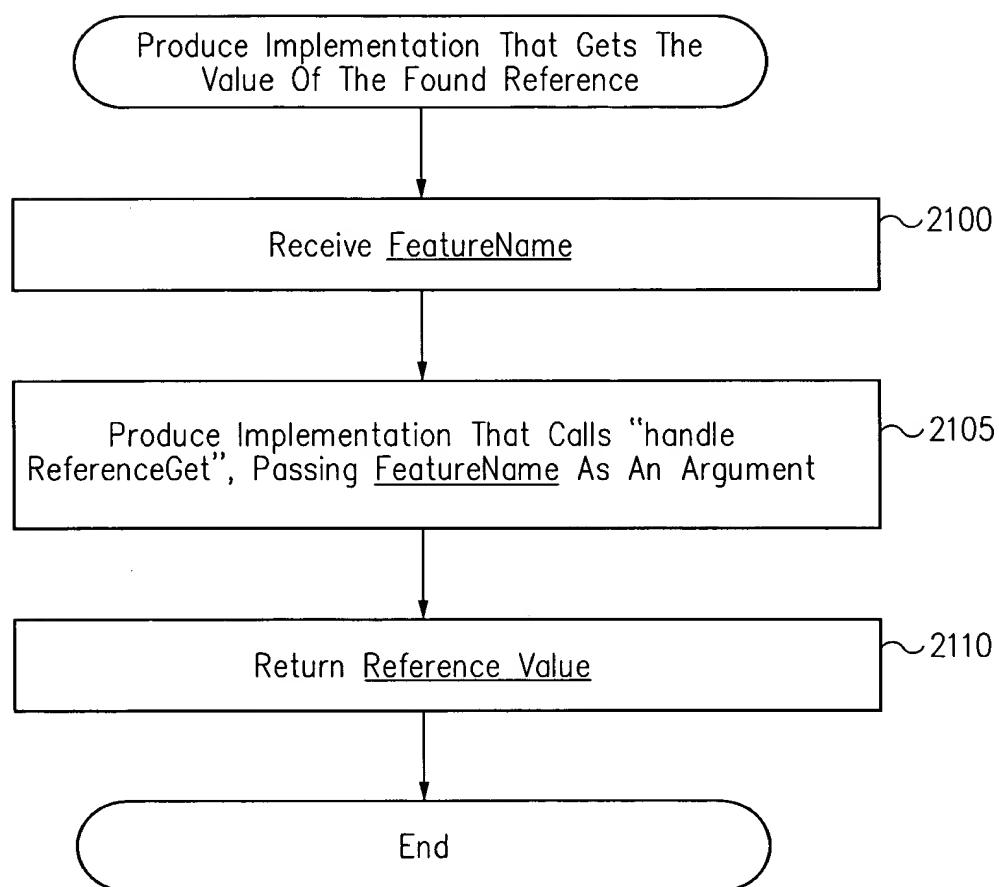


FIG. 21

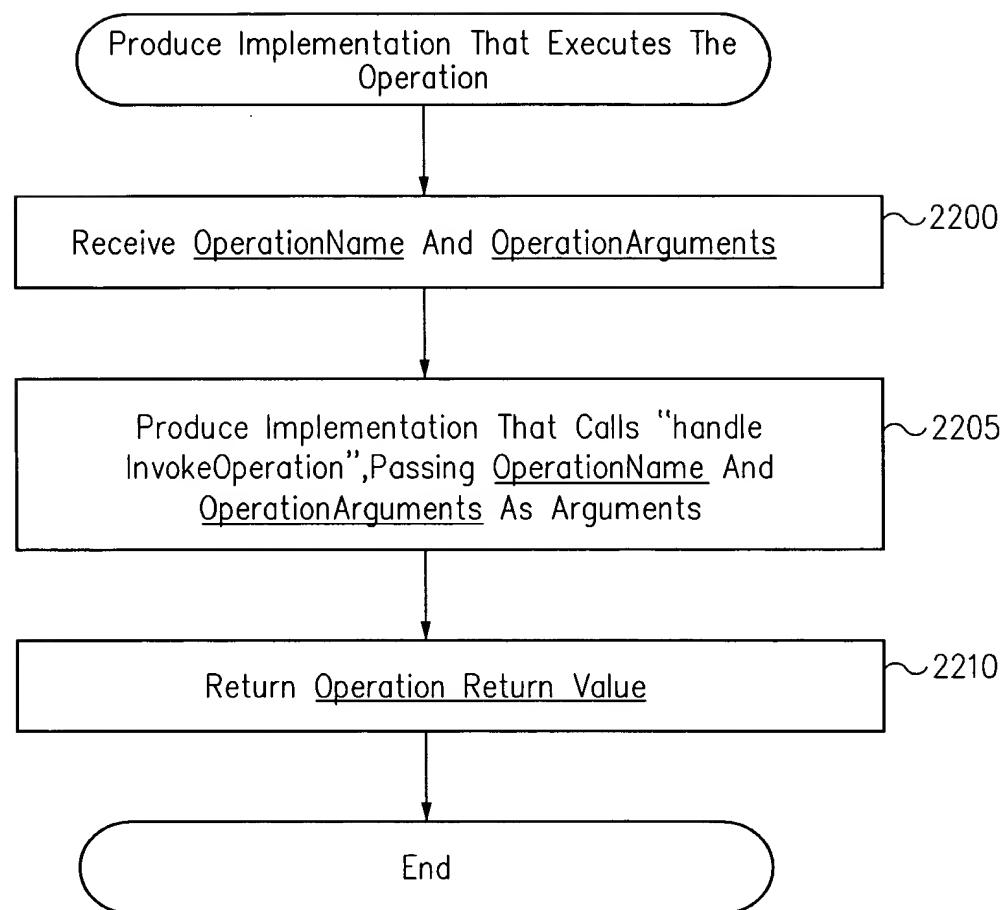


FIG. 22